


# RAID COMMERCIAL INSECT KILLER

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	1
	Health			4	
	Reactivity			Reactivity	0
Specific Hazard					
Protective Clothing	None required.	Emergency Overview	Opaque Aerosol. See Section 9. CAUTION: CONTENTS UNDER PRESSURE. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. May be mildly irritating to eyes.		

## Section 1. Chemical Product and Company Identification

Product Name	RAID COMMERCIAL INSECT KILLER	Code	94891
Product Use	Industrial/Institutional: Insecticide.	PMS#	3135197
MSDS#	126146001	Validation Date	5/21/2003
U.S. Headquarters	Drackett Professional A Division of S.C. Johnson Commercial Markets, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249	Print Date	5/21/2003
		Supersedes	No Previous Validation
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Pyrethrum	121-21-1	<0.5	Not available.	ORAL (LD50): Acute: 260 mg/kg [Rat].
Isoparaffinic Hydrocarbon Solvent	64742-47-8	0.5-1.5	Not available.	ORAL (LD50): Acute: >10 mg/kg [Rat].
Piperonyl butoxide	51-03-6	1-5	Not available.	ORAL (LD50): Acute: 6150 mg/kg [Rat]. DERMAL (LD50): Acute: 200 mg/kg [Rabbit].
Isobutane	75-28-5	7-13	Not available.	VAPOR (LC50): Acute: 0.0057 ppm 0.25 hour(s) [Rat].
Butane	106-97-8	7-13	OSHA (United States). TWA: 1900 mg/m <sup>3</sup> ACGIH (United States). TWA: 1900 mg/m <sup>3</sup>	Not available.
Propane	74-98-6	7-13	OSHA (United States). TWA: 1800 mg/m <sup>3</sup> ACGIH (United States). TWA: 4508 mg/m <sup>3</sup>	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact. Ingestion.
Potential Acute Health Effects	
Eyes	May be mildly irritating to eyes.
Skin	Prolonged or repeated contact may dry skin and cause irritation.
Inhalation	May be irritating to nose, throat, and respiratory tract.
Ingestion	None known.
Medical Conditions	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

**RAID COMMERCIAL INSECT KILLER****Section 4. First Aid Measures**

<b>Eye Contact</b>	Flush immediately with plenty of water. Get medical attention if irritation occurs.
<b>Skin Contact</b>	Rinse with plenty of running water.
<b>Inhalation</b>	If breathing is difficult: Remove to fresh air. Get medical attention.
<b>Ingestion</b>	Immediately drink plenty of water. Seek medical attention.

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	NFPA 30B Level 1 Aerosol.
<b>Flash Points</b>	CLOSED CUP: <-7°C (19.4°F).
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Special Remarks on Fire and Explosion Hazards</b>	Aerosol product - Containers may rocket or explode in heat of fire

**Section 6. Accidental Release Measures**

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Environmental Precautions and Clean-up Methods</b>	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

**Section 7. Handling and Storage**

<b>Handling</b>	Avoid contact with eyes, skin, and clothing. Use appropriate hygiene measures when handling product. Keep away from food, foodstuffs and domestic water supplies. Wash thoroughly after handling. Do not puncture or incinerate. FOR INDUSTRIAL USE ONLY
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. Pressurized container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<i>Eyes</i>	No special requirements under normal use conditions.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	Liquid. (Aerosol.)
<b>Odor</b>	Characteristic.
<b>Color</b>	Opaque
<b>pH</b>	Not available.
<b>Solubility in water</b>	Dispersible.

**Section 10. Stability and Reactivity**

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

**Section 11. Toxicological Information**

Acute toxicity	ORAL (LD50) Greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

Waste Information	PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. If possible, recycle empty aerosol cans to the nearest steel recycling center. Use up package or give to someone who can.
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**Section 14. Transport Information****DOT Classification**

DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
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**TDG Classification**

TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	

**Section 15. Regulatory Information****Reporting in this section is based on ingredients disclosed in Section 2****US Regulations**

**Federal** SARA 313 toxic chemical notification and release reporting: Piperonyl butoxide  
 Clean air act (CAA) 112 accidental release prevention: Butane  
 Clean air act (CAA) 112 regulated flammable substances: Isobutane, Propane, Butane  
 CERCLA: Hazardous substances.: Piperonyl butoxide, Isobutane, Propane

**State** New Jersey spill list: Piperonyl butoxide  
 New Jersey: Piperonyl butoxide, Isobutane, Propane, Butane  
 Massachusetts spill list: Isobutane, Propane, Butane  
 Massachusetts RTK: Isobutane, Propane, Butane  
 Pennsylvania RTK: Piperonyl butoxide, Isobutane, Propane, Butane

This product is not subject to the reporting requirements under California's Proposition 65.

**Registered Product Information** EPA Registration Number: 4822-36-70627

**Canadian Regulations**

**WHMIS Classification** Not applicable.

## RAID COMMERCIAL INSECT KILLER

WHMIS Icon



Registered Product Information  
Not applicable.

Chemical Inventory Status    All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory

**Section 16. Other Information**

Other Special Considerations    Remove or cover terrariums, aquariums and animal cages before application. Turn off aquarium air-filter while spraying.

Version    1.01

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